

Claims

1. A control (10, 40) for a machine for the manufacture of paper  
padding, wherein the machine comprises a drive motor having a  
cutting device and a shaping device to form a piece of padding from  
a paper web and to cut it off in a desired length, comprising  
an input means (18) to input a desired length of padding;  
a control unit having a memory to control the drive motor in  
response to the input means (18),  
wherein an activation of the input means (18) starts the drive motor  
and a deactivation of the input means triggers a cutting procedure  
and stops the drive motor so that the time period of the activation of  
the input means corresponds to the length of padding produced,  
characterized in that  
the control unit (10, 40) automatically stores the length of padding  
produced in the memory on deactivation of the input means (18)  
and makes it available for a further call up.
2. A control in accordance with claim 1, characterized in that the  
stored length of padding can be called up by an actuation, in  
particular a brief actuation, of the (18) or of a further input means  
from the memory, with the manufacture of at least one further piece  
of padding being triggered automatically in the called up length on  
the call up of the length of padding.
3. A control in accordance with claim 1 or claim 2, characterized in  
that the input means is an individual switch or push button (18);  
and in that an input pad (45) is provided in addition to the switch or  
push button (18) with which desired lengths of padding can be input

into the control and/or can be called up out of the control, with the manufacture of at least one piece of padding being triggered automatically in the called up length on the call up of a length of padding.

5

4. A control in accordance with claim 3, characterized in that it permits a directly sequential call up of a respective length of padding with the switch or the push button (18), on the one hand, and with the input pad (45), on the other hand, without a further input means of the control having to be actuated between these two call ups.
- 10 5. A control in accordance with claim 3 or claim 4, characterized in that at least one additional switch or push button (22 - 26; 91 - 93; 15 46 - 50) is provided on whose actuation a standard length of padding stored in the memory is called up, with the manufacture of at least one piece of padding being triggered automatically in the called up length on the call up of the length of padding.
- 20 6. A control in accordance with at least one of the preceding claims, characterized in that a display device (90) is provided; and in that, when the control is switched on for the first time, a standard length of padding stored in the memory is displayed which can be called up by a further input means (95, 46), with the manufacture of at least 25 one piece of padding being triggered automatically in the called up length on the call up of the length of padding.
7. A control in accordance with at least one of the preceding claims, characterized in that it has a mode in which a combination of the

desired number and of the desired length of the pieces of padding to be produced can be stored and/or called up.

- 5 8. A control in accordance with at least one of the preceding claims, characterized in that an input means (22 - 26; 30; 45) is provided with which a continuous manufacture of pieces of padding in the stored length of padding can be activated.
- 10 9. A control in accordance with claim 3 and claim 8, characterized in that the individual switch or push button (18), the input pad (48) and the input means for the activation of a continuous manufacture (30) are input means of equal priority for the call up of a length of padding, with the manufacture of at least one piece of padding being triggered automatically in the desired length on the call up of the  
15 length of padding.
- 20 10. A control in accordance with at least one of the preceding claims, characterized in that a selection switch (20) is provided with which a plurality of memory locations can be selected in the memory in which a produced length of padding can be stored automatically, with the associated stored length of padding being produced in  
dependence on the position of the selection switch (20), in particular on the activation of the input means (18).
- 25 11. A control in accordance with claim 10, characterized in that a further input means (22 - 26) is respectively associated with the plurality of memory locations to call up a length of padding stored at the respective memory location, with the manufacture of at least one piece of padding being automatically triggered in the called up  
30 length on the call up of the length of padding.

12. A control in accordance with at least one of the preceding claims,  
characterized in that a sensor is connected to it which detects the  
forthcoming end of the paper web; and in that the control generates  
5 a signal in response to the sensor which in particular interrupts a  
further operation of the machine at least temporarily.
13. A control in accordance with at least one of the preceding claims,  
characterized in that it has a connector for an electromagnetic  
10 coupling of an auxiliary unit, with the control controlling the drive  
motor differently in dependence on whether the electromagnetic  
coupling is connected or not, with the control preferably  
automatically recognizing whether an electromagnetic coupling is  
connected.
- 15 14. A machine for the manufacture of paper padding, wherein the  
machine comprises a drive motor having a cutting device and a  
shaping device to shape a piece of padding from a paper web and to  
cut it off in a desired length, comprising a control in accordance  
20 with at least one of the preceding claims.
15. A machine in accordance with claim 14, characterized in that the  
control is made as a separate operating part which is connected to  
the machine via a cable, wherein a holder is in particular provided  
25 at the machine for the releasable installation of the control.
16. A machine in accordance with claim 14 or claim 15, characterized in  
that a bus system is provided for the transmission of the control  
signals from the control to the machine.